

Science Notes

New Factors in Civil Life.

When the electric railway had shown its suitability for urban transportation and had begun to reach out into the outlying districts and bind them closer to the cities, a new factor, making for the good of the city, was recognized. It was seen that a system of transportation which could be operated over the city streets without creating an unbearable nuisance and which could also make good speed in the thinly settled or country districts, would make it possible for those working in the city to make their homes some distance from their places of business, and yet not have to sacrifice too much time in going to and fro. When, in addition to the other advantages of suburban life, it was shown that, even adding the cost of riding to the lower rents of those sections, there was still an advantage in its favor, it was felt that the new influence, tending to distribute over wide areas the workers of a large city, would prove to be a powerful force in relieving overcrowded districts, in purifying overcrowded unhealthy tenements and in bringing air and sunshine to many who before had been compelled to live without them. In these expectations we have not been disappointed, for the effect of the electric railway has been most beneficial. It was as though fresh blood was being infused into the exhausted and sluggish localities through the new veins and arteries formed by the networks of railroads which have spread through and out from our cities.—Electric Review.

Wireless Telegraphy.

The rapid progress, made by wireless telegraphy is not yet so well understood by the landsman, but to the sailor it stands at this time as one of the greatest inventions of this remarkable age. Not a day passes but the racers of the sea are in communication with each other, for practically every liner leaving New York is now equipped with the apparatus that is as much of an advance over Morse's wonderful creation as his telegraph was superior to the vocal efforts of the old-time watch stationed on the hilltop. The interest excited on shipboard by this new marvel is of the liveliest character, from port to port, with the messages coming from those left days behind and those to apprise home of the expected arrival. Wireless telegraphy has its uses in war as well as in peace. The London Times has a dispatch boat equipped for handling news by this system, by which messages are sent to Wei Hai Wei, and from there sent by cable to the home office. The Times recently published an article of 1,400 words, which had been sent wireless and cable, as noted above, which is, no doubt, the longest communication ever sent through "ether."—Railway and Engineering Review.

Creosoted Ties.

Mr. R. Montfort, chief engineer of the Louisville and Nashville Railroad, says that creosoted piles driven in 1876 as piers for iron bridges in the neighborhood of New Orleans are to-day in perfect condition, while the metal bridges they support are being renewed. Such statements justify the attitude of the bridge engineer of one of our great railway systems, who defines a creosoted timber trestle as a "permanent structure." When to this is added the testimony of a chief engineer of another great railroad to the non-inflammability of creosoted timber after one year of service the mystery deepens as to the slowness with which railways accept the inevitable necessity for some effective method of preserving timber—a mystery which is only partially explained by Mr. Walter Berg's opinion, embodied in his discussion of Mr. Curtis' paper, that "the first cost of preserving timber falls on the yearly estimates and the ultimate saving accrues as a benefit to some subsequent management."—Railway Age.

Providing Against a Danger.

A valve in a gas main which furnishes the supply to Mount Vernon and Pelham, two towns a short distance from New York City, broke recently during the night and shut off the gas for a couple of minutes when it came on again. The time of shut-down was sufficient, however, to put out all lights which had been left burning, and on the renewal of the supply of gas, of course, poured out through all open burners. The danger was quickly recognized by the gas department and others, and the gas turned off and an active campaign started to awaken all users of gas in that district. So far no deaths have been reported, but there cannot be any doubt that the danger did exist. The gas company did not think it safe to turn on the supply again until noon of the next day.

ABANDONED

Is the Spring Practice of the Foot Ball Team and Coach Yost Will Remain in This Section.

CLARKSBURG, June 1.—Harris Yost, the famous foot ball coach, is in the city for a few days. He states that the spring practice of the Michigan University team, which he has coached so successfully for the past few years, has been abandoned on account of the bad weather. The inclement weather hung on so near to the time for the examinations at the close of the school year that the team had no time for this practice and so it was concluded not to have it. There will be nothing doing in that line until September 1, and Mr. Yost will spend the summer in West Virginia and devote himself to the real estate business.

ACTRESS

NOW DOING NEEDLE WORK FOR A LIVING—FILED PETITION IN BANKRUPTCY YESTERDAY.

BOSTON, June 2.—Marie Jansen, the actress, yesterday filed a voluntary petition in bankruptcy under the name of Mattie M. Johnson, given to her by her father, Ben Johnson. The total liabilities of the former comic opera star are given at \$1,325. Miss Jansen's assets are placed at \$177. Of this \$102.50 is a claim against Robert Grau, of New York, which she says she is unable to collect. Seventy-five dollars is the value of her clothing, on which she claims exemption.

Miss Jansen is now living in Winthrop, Mass., where she is said to be earning a living doing needle work.

WERE FROM FAIRMONT

Engineer Observes Decoration Day By Turning the Laugh on Two Sweet Young Things.

It was Decoration Day, and quite a crowd had gathered at the B. & O. depot to see the people who arrived. There were two Fairmont girls among the spectators, and they stood at the upper end of the platform near which the locomotive came to a standstill. "Look out girls, I'm going to turn the engine around," called the engineer in a warning voice. There were two shrill shrieks, two pairs of flying heels and the crowd laughed boisterously as the train pulled out for Pittsburg.—Morgantown Post.

F. L. Atha, of Mannington district, was in the city yesterday and called to see us.

Elder Ira C. Moore will preach at Worthington in the Christian church Saturday evening, June 4, also Sunday, morning and evening.

Miss Edith White has gone to Fairmont to spend a few days as the guest of Miss Jean Fleming.—Morgantown Post.

A GREAT EVENT

UNITED COMMERCIAL TRAVELERS WILL MEET IN CHARLESTON, IN YEAR 1905.

CHARLESTON, June 1.—The big event carded for Charleston thus far for the year 1905 will be the annual Grand Council of the Order of United Commercial Travelers for the territory embraced by the States of Kentucky, West Virginia, Virginia, Maryland and the District of Columbia.

Messrs. W. E. Connell, R. C. Jeffords, E. S. Witt, H. A. Thomas and John J. Melton, the representatives from Kanawha Council No. 21, who have been in attendance at the Grand Council held in Roanoke for the past week, returned home yesterday, highly elated with their trip, and more than delighted with their success in swinging the next meeting of that great body of commercial men for their next annual Grand Council in Charleston. They report a most interesting contest over the selection of the next place of meeting, but that

MAKING BRICK

SUPERINTENDENT DARNALL, OF THE REFORM SCHOOL AT PRUNTYTOWN, HAS A LOT OF BOYS AT WORK.

MANY IMPROVEMENTS WILL BE MADE—PLANS ARE BEING DRAWN IN WHEELING.

WHEELING, June 1.—At the State Reform School at Pruntytown, there are now a large number of the older inmates at work manufacturing building brick which are to be used in a big improvement that is to be made to the institution this summer. Although they have not been in the brick manufacturing business very long they are now turning out a number of kiln, and will be ready to keep the brick layers supplied by the time they are ready to go to work there.

There being about six hundred boys at the reform school at the present time, Superintendent O. E. Darnall found that he had many heavy, strong fellows there that were not needed on the farm and about the institution, and set them at brick making work a short time ago. So far the project has proved a howling success, and the superintendent as well as the members of the board of directors are greatly pleased with the results. With the boys it has proven an innovation from their old routine of work and gives them a new trade to learn and there is little or no trouble in getting them interested in the work.

Improvements Planned.

The plans for the new improvements are now being made at the office of Glessey & Faris, in this city, and it will be but a short time until the ground will be broken at Pruntytown for the additions which will consist of a large double building for three dining rooms along with other improvements. All of the improvements that are to be made will cost in the neighborhood of \$15,000, and would have cost much more than that had it not been for the fact that Superintendent Darnall put the boys there to work making the brick.

The Dining Room.

Of the three dining rooms that are to be in the new building, one will be for the superintendent and attendants, the white inmates and the colored inmates. Then in the same building will be located the new kitchen and bake ovens which must be increased from the ones that are there at the present time. The population of the reform school has increased to such an extent that the old singing halls and bake ovens have become entirely inadequate.

This same method of building was taken up at the State prison a few years ago, and proved very successful, the convicts making all of the brick used in the new dining room and shops.

We have the largest line of refrigerators to select from there is in the city on our third floor. The White Mountain, bought in car load lots, which enables us to give you close prices. J. L. Hall's Hardware Store.

Japalac, the home beautifier, at J. L. Hall's Hardware Store.

ANNOUNCEMENTS

Of Reduced Fares Authorized via Baltimore and Ohio Railroad, Summer Season, 1904.

Atlantic City and Seashore. Special low rate excursions from all points east of the Ohio river on June 30th, July 14th and 28th, August 11th and 25th, and September 8th.

Atlantic City, N. J. American Academy of Medicine (June 4-6) and American Medical Association (June 7-10). Very low rates. Tickets on sale June 2d and 6th, inclusive, good returning June 4th to 13th, inclusive.

Atlantic City, N. J. Imperial Council, Ancient Order of Mystic Shrine, July 13-15. Very low rates. Tickets on sale July 11th and 12th, good returning until July 23d, inclusive.

Boston, Mass. National Encampment, G. A. R. August 15-20. One fare for the round trip. Tickets on sale August 13th to 15th, good returning until August 20th, inclusive.

Cincinnati, O. Grand Lodge, B. P. O. Elks, July 18-23. One fare plus \$1.00 for the round trip. Tickets on sale July 15th, 16th, 17th, good returning until July 23d, inclusive.

Detroit, Mich. Baptist Young People's Union of America, International Convention, July 7-10. One fare plus \$2.00 for the round trip. Tickets on sale July 5th to 7th, good returning until July 12th, inclusive.

Indianapolis, Ind. National Prohibition Convention, June 28-30. One fare for the round trip. Tickets on sale June 20th to 27th, good returning until July 10th, inclusive.

Louisville, Ky. Knights of Pythias, Biennial Encampment, August 16-19. One fare plus \$1.00 for the round trip. Tickets on sale August 12th, 13th, 14th and 15th, good returning until August 31st, inclusive.

San Francisco, Cal. Triennial Conclave, Knights Templar, September 5-9. One fare for the round trip to Chicago or St. Louis added to fares tendered therefrom (Chicago \$50.00; St. Louis \$47.50). Dates of sale to be announced later.

San Francisco, Cal. Sovereign Grand Lodge, I. O. O. F., September 19-25. One fare for the round trip to Chicago or St. Louis added to fares tendered therefrom (Chicago \$50.00; St. Louis \$47.50). Dates of sale to be announced later.

Toronto, Ont. Friends' General Conference, August 10-13. One fare plus \$2.00 for the round trip. Tickets on sale August 9th to 11th, good returning until August 31st, inclusive.

For additional information concerning rates, routes, time of trains, etc., call on or address ticket agents, Baltimore & Ohio R. R.

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MISCELLANEOUS ADS.

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